

The optical and EPR spectra of the hydrogen annealed KTiOPO₄ crystals

Nazarova V., Efimov V., Laruhin M.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

In this work, the results of the hydrogen treatment and following that, the annealing in air of flux-grown KTiOPO₄ (KTP) crystals are represented. We have tried to correlate our optical and EPR results. The main conclusion is that the Ti³⁺ A, B, C, D centers are not associated with optical absorption in the visible light region. © World Scientific Publishing Company.
